

Claims

What is claimed is:

1. An information handling system including:
 - a processor;
 - memory coupled to the processor;
 - glue logic coupled to the processor for facilitating connection of the processor to other devices;
 - an audio coder decoder coupled to the glue logic and including a S/PDIF digital audio output; and
 - a docking station including a digital audio receiver coupled to the S/PDIF digital audio output for converting S/PDIF digital audio to analog audio.
2. The information handling system of claim 1 including a first docking connector to which the S/PDIF digital audio output is coupled.
3. The information handling system of claim 2 including a second docking connector to which the digital audio receiver is coupled.
4. The information handling system of claim 3 wherein the first docking connector is connected to the second docking connector to couple the S/PDIF digital audio output to the digital audio receiver.
5. The information handling system of claim 1 wherein the digital audio receiver includes an analog output.
6. The information handling system of claim 5 including a first power amplifier is coupled to the analog output.

7. The information handling system of claim 6 including a second power amplifier coupled to the analog output.
8. The information handling system of claim 7 including a subwoofer coupled to the second power amplifier.
9. The information handling system of claim 8 wherein the docking station includes a substantially closed volume having an aperture.
10. The information handling system of claim 9 wherein the subwoofer is situated in the aperture to project sound therethrough.
11. A method of operating an information handling system including a portable portion and a docking station, the method comprising:
 - generating, by the portable portion, a digital audio signal conforming to the S/PDIF standard;
 - sending the digital audio signal across a docking interface between the portable portion and a docking station;
 - converting the digital audio signal to an analog audio signal; and
 - amplifying the analog audio signal.
12. The method of claim 11 wherein the docking interface includes a first connector to which the digital audio signal is provided.
13. The method of claim 12 wherein the docking interface includes a second connector.

14. The method of claim 13 including connecting the first connector to the second connector.
15. The method of claim 14 including performing a digital to analog conversion on the digital audio signal after it passes from the first connector to the second connector of the docking interface, thus converting the digital analog signal to an analog audio signal.
16. The method of claim 15 including amplifying the analog audio signal by a first audio amplifier thus providing a first amplified analog audio signal.
17. The method of claim 16 including providing the first amplified analog audio signal to a line out output of the docking station.
18. The method of claim 16 including amplifying the analog audio signal by a second audio amplifier thus providing an second amplified analog audio signal.
19. The method of claim 18 including providing the second amplified analog audio signal to a subwoofer loudspeaker.
20. The method of claim 19 wherein the docking station exhibits a substantially closed volume.